

Recovery Plan Action Status

Plan Name: Michaux's Sumac

Plan Status: Final

Plan Date: 30-Apr-93

Lead Agency: USFWS

Lead Office: Raleigh Ecological Services Field Office

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856-4520)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Michaux's sumac (Rhus michauxii)	1	1	Develop interim research and management plans in conjunction with landowners	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Management: General, Research: General	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	** In 'Parties' column SCA - State plant conservation agencies of participating states. In North Carolina, these are the Plant Conservation Program (North Carolina Department of Agriculture) and the Natural Heritage Program (North Carolina Department of Environment, Health, and Natural Resources); in Georgia, the Freshwater Wetlands and Heritage Inventory (Georgia Department of Natural Resources)
Michaux's sumac (Rhus michauxii)	2	10	Implement appropriate management techniques as they are developed from previous tasks	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Management: General	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	
Michaux's sumac (Rhus michauxii)	3	11	Develop techniques and reestablish populations in suitable habitat within the species' historic range	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Research: Habitat Requirements, Research: Management Techniques, Research: Propagation	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	3	12	Develop a cultivated source of plants and provide for long-term seed storage	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Research: Propagation	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	Task duration: 3-5 years

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Michaux's sumac (Rhus michauxii)	1	13	Enforce laws protecting the species and/or its habitat	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Other: Law Enforcement	Internal Field Assistance	
Michaux's sumac (Rhus michauxii)	3	14	Prepare and distribute news releases and informational brochures	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Other: Information and Education	Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	3	15	Prepare articles for popular and scientific publications	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Other: Information and Education, Research: General	Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	3	16	Annually assess success of recovery efforts for the species	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Management: General	Internal Field Assistance, Internal Technical Assistance	
Michaux's sumac (Rhus michauxii)	3	2	Search for additional populations	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	
Michaux's sumac (Rhus michauxii)	1	3	Determine habitat protection priorities	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Acquisition: General, Management: Planning	Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	1	4	Evaluate habitat protection alternatives	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Management	Internal Field Assistance, Internal Technical Assistance, Species Expert	

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Michaux's sumac (Rhus michauxii)	2	5	Determine population size and stage-class distribution for all populations	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Research: General, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	2	6	Study abiotic and biotic features of the species' habitat	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Research: General, Research: Habitat Requirements	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	2	7	Conduct long-term demographic studies	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Research: Demographic Studies	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	2	8	Determine the effects of past and ongoing habitat disturbance	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Research: Habitat Requirements, Research: Habitat Status	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Michaux's sumac (Rhus michauxii)	2	9	Define criteria for self-sustaining populations and develop appropriate habitat management guidelines based upon the data obtained from Tasks 2.2 (Recovery Action 6) through 2.4 (Recovery Action 8)	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, State Conservation Agencies, USFWS Regional Office 4	Research: General	Internal Field Assistance, Internal Technical Assistance, Species Expert	